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CYP1B1 Rabbit mAb

货号: AYM30714

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC FC
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **FC:** 1:20 - 1:50
理论分子量	60kDa
实测分子量	61kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	MCF-7 cells, mouse heart tissue, PC-3 cells
细胞定位	Endoplasmic reticulum membrane,Microsome membrane,Mitochondrion,Peripheral membrane protein
纯化	Affinity purification

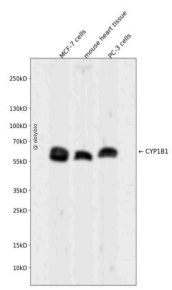
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human CYP1B1.

靶点信息

研究背景	This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. The enzyme encoded by this gene localizes to the endoplasmic reticulum and metabolizes procarcinogens such as polycyclic aromatic hydrocarbons and 17beta-estradiol. Mutations in this gene have been associated with primary congenital glaucoma; therefore it is thought that the enzyme also metabolizes a signaling molecule involved in eye development, possibly a steroid.
基因ID	1545
基因名	CYP1B1
Swiss	Q16678 (https://www.uniprot.org/uniprotkb/Q16678/entry)
别名	CYP1B1,CYP1B1 Rabbit mAb,CYPIB1,Hydroperoxy icosatetraenoate dehydratase

产品验证



Western blot analysis of CYP1B1 expressed in MCF-7 cells,mouse heart tissue,PC-3 cells using CYP1B1 Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30 ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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